

GP-304859

MULTI-SPEED TRANSMISSION

ABSTRACT OF THE DISCLOSURE

A planetary transmission includes four planetary gearsets, two of which are simple planetary gearsets and two of which are compound planetary gearsets. A first of the planetary gearsets has members selectively connectible with a ground or stationary member through a synchronizer clutch. A second, third, and fourth of the planetary gearsets have at least one member continuously interconnected with a ground or stationary member. A plurality of synchronizer clutches are employed between the planetary gearsets, which are manipulatable to establish at least seventeen forward speed ratios and one reverse speed ratio between an input shaft and an output shaft of the transmission.